Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/C-Aggregate/3050/2022-213	Date	05.12.2022

TEST REPORT ON CEMENT

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalll, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	02.12.2022
Technical Referance	IS: 4031(Part I–VI) 1988 (Reaffirmed–2000) & IS: 8112-1989
Ganesha Apartmant	***Cross Road 2***

Sl. No.	Test Conducted	Results	IS: 8112-1989 Stipulation	Remarks
1	Normal consistency in %	29.8	Not specified	-
2	Initial setting time in	191.2	Shall not be less than 30 minutes	P
3	Final setting time in minutes	289.8	Shall not be more than 600 minutes	P
4	Compressive strength (Average of three results) in N/mm2			
a	72+1h (3 days)	25.32	Shall not be less than 23.0 MPa	P
b	168+2h (7 days)	35.86	Shall not be less than 33.0 MPa	P
c	672+4h (28 days)	46.86	Shall not be less than 43.0 MPa	P

** As furnished by the client*

P : Passes IS requirement F: Fails IS requirements

TTC : Test to be conducted

For Karnataka Material Test House Pvt ltd.,

Karnataka Material Test House Pvt Ltd. * Bangalore *

Prepared & Checked by
Nagaraj K S

Approved by
Narayanswamy.B

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Off & Lab :No. 8 (10/3), 4th cross, Basaveshwara layout, Nagashettihalll, RMV 2nd Stage, BENGALURU 560094
080- 2341 8668, 23511213 **Mobile: 94485 15258** E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com
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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/C-Aggregate/3051/2022-23	Date	26.12.2022

TEST REPORT ON CEMENT

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	24.12.2022
Technical Referance	IS: 4031(Part I–VI) 1988 (Reaffirmed–2000) & IS: 8112-1989
Srindhi Layout	***8th Main Road***

Sl. No.	Test Conducted	Results	IS: 8112-1989 Stipulation	Remarks
1	Normal consistency in %	28.8	Not specified	-
2	Initial setting time in	185.9	Shall not be less than 30 minutes	P
3	Final setting time in minutes	302.6	Shall not be more than 600 minutes	P
4	Compressive strength (Average of three results) in N/mm2			
a	72+1h (3 days)	25.41	Shall not be less than 23.0 MPa	P
b	168+2h (7 days)	26.72	Shall not be less than 33.0 MPa	P
c	672+4h (28 days)	46.33	Shall not be less than 43.0 MPa	P

** As furnished by the client*

P : Passes IS requirement F: Fails IS requirements

TTC : Test to be conducted

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

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Approved by
Narayanswamy.B

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/F-Aggregate/3045/2022-23	Date	05.12.2022

TEST REPORT ON FINE AGGRERGATE

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	02.12.2022
Technical Referance	IS: 2386 (Part I)– 1963 , IS: 383 – 2016
Ganesha Apartmant	***Cross Road 2***

GRADATION OF FINE AGGEGATES

Weight of Sample			1000	g	PERCENTAGE OF PASSING (GRADING)			
Sieve No	Weight of Sample	Percentage of Retained sample	Cumulative Percentage of Retained sample	Percentage Finer	Zone-I	*Zone-II*	Zone-II	zone-IV
10	0	0	0	100	100	*100*	100	100
4.75	18.6	1.86	1.86	98.14	90 – 100	*90 – 100*	90 – 100	90-100
2.36	26.4	2.64	4.50	95.50	60 – 95	*75 – 100*	85 – 100	95-100
1.18	326.4	32.64	37.14	62.86	30 – 70	*55 – 90*	75 – 100	90-100
0.6	286.4	28.64	65.78	34.22	15 – 34	*35 – 59*	60 – 79	80-100
0.3	218.6	21.86	87.64	12.36	5 – 20	*8 – 30*	12 – 40	15-50
0.15	120.4	12.04	99.68	0.32	0 – 10	*0 – 10*	0 – 10	0-15

** As furnished by the client*

Note : The above tested sample satisfies the requirement of IS:383-2016

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

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Approved by
Narayanswamy.B

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZJ PAN No: AACCK4994Q

Report No	KMTH/F-Aggregate/3045/2022-23	Date	26.12.2022

TEST REPORT ON FINE AGGRERGATE

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	24.12.2022
Technical Referance	IS: 2386 (Part I)– 1963 , IS: 383 – 2016
Srindhi Layout	*8th Main Road*

GRADATION OF FINE AGGEGATES

Weight of Sample			1000	g	PERCENTAGE OF PASSING (GRADING)			
Sieve No	Weight of Sample	Percentage of Retained sample	Cumulative Percentage of Retained sample	Percentage Finer	Zone-I	Zone-II	Zone-II	zone-IV
10	0	0	0	100	100	100	100	100
4.75	20.6	2.06	2.06	97.94	90 – 100	90 – 100	90 – 100	90-100
2.36	80.2	8.02	10.08	89.92	60 – 95	75 – 100	85 – 100	95-100
1.18	238.6	23.86	33.94	66.06	30 – 70	55 – 90	75 – 100	90-100
0.6	260.4	26.04	59.98	40.02	15 – 34	35 – 59	60 – 79	80-100
0.3	254.2	25.42	85.40	14.60	5 – 20	8 – 30	12 – 40	15-50
0.15	140.2	14.02	99.42	0.58	0 – 10	0 – 10	0 – 10	0-15

** As furnished by the client*

Note : The above tested sample satisfies the requirement of IS:383-2016

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. Bangalore

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4884Q1ZI PAN No: AACCK4884Q

Report No	KMTH/C-Aggregate/3047/2022-23	Date	05.12.2022

TEST REPORT ON COARSE AGGREGATE

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64,
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032,
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	02.12.2022
Technical Referance	IS: 2386 (Part I)-1963 IS: 383 – 2016
Ganesha Apartmant	*Cross Road 2*

GRADATION OF COARSE AGGEGATES

20mm	Weight of Sample		5000		IS : 2386(Part-I) RA 2016		Remarks
Sieve No	Wt of Sample	% tage retained	Cumulative % retained	% tage finer	Single Size	Graded Size	
40	0	0.00	0.00	100.00	100	100	Sample conforms to IS: Stipulation for Graded size Aggregate of size 20mm.
20	340.2	6.80	6.80	93.20	85-100	90 to 100	
10	2798.6	55.97	62.78	37.22	0 to 20	25 to 55	
4.75	1842.6	36.85	99.63	0.37	0 to 5	0 to 10	

40mm	Weight of Sample		5000		IS : 2386(Part-I) RA 2016		Remarks
Sieve No	Wt of Sample	% tage retained	Cumulative % retained	% tage finer	Single Size	Graded Size	
63	0	0.00	0.00	100	100	100	Sample conforms to IS: Stipulation for Single size Aggregate of size 40mm.
40	172.6	3.45	3.45	96.55	85-100	90 to 100	
20	4002.6	80.05	83.50	16.50	0 to 20	30 to 70	
10	750.2	15.00	98.51	1.49	0 to 5	10 to 25	
4.75	74.8	1.50	100.00	0.00	-	0 to 5	

** As furnished by the client*

Note : The above tested sample satisfies the requirement of IS:383-2016

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. Bangalore

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Approved by
Narayanswamy.B

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/C-Aggregate/3048/2022-23	Date	25.12.2022

TEST REPORT ON COARSE AGGREGATE

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	24.12.2022
Technical Referance	IS: 2386 (Part I)– 1963 IS: 383 – 2016
Srindhi Layout	*8th Main Road*

GRADATION OF COARSE AGGEGATES

20mm	Weight of Sample		5000		IS : 2386(Part-I) RA 2016		Remarks
Sieve No	Wt of Sample	% tage retained	Cumulative % retained	% tage finer	Single Size	Graded Size	
40	0	0.00	0.00	100.00	100	100	Sample conforms to IS: Stipulation for Graded size Aggregate of size 20mm.
20	198.6	3.97	3.97	96.03	85-100	90 to 100	
10	3126.4	62.53	66.50	33.50	0 to 20	25 to 55	
4.75	1626	32.52	99.02	0.98	0 to 5	0 to 10	

40mm	Weight of Sample		5000		IS : 2386(Part-I) RA 2016		Remarks
Sieve No	Wt of Sample	% tage retained	Cumulative % retained	% tage finer	Single Size	Graded Size	
63	0	0.00	0.00	100	100	100	Sample conforms to IS: Stipulation for Single size Aggregate of size 40mm.
40	152.4	3.05	3.05	96.95	85-100	90 to 100	
20	4126.4	82.53	85.58	14.42	0 to 20	30 to 70	
10	689.6	13.79	99.37	0.63	0 to 5	10 to 25	
4.75	31.4	0.63	100.00	0.00	-	0 to 5	

** As furnished by the client*

Note : The above tested sample satisfies the requirement of IS:383-2016

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

.....End of Report.....

Approved by
Narayanswamy.B

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/C-Aggregate/3049/2022-23	Date	05.12.2022

TEST REPORT ON STEEL

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	02.12.2022
Technical Referance	IS: 1786 – 2008 & IS: 1608–2005
Ganesha Apartmant	*Cross Road 2*

Tensile Test

Sl No.	Grade of Steel	Dia in	Weight / unit length (kg/m)	0.2% proof Stress (N/mm2)	Tensile Strength (N/mm2)	Percentage Elongation (on 5.65 √AG.L)	Remarks
1	Fe-500	8	0.379	574.60	636.80	18.96	Passes
2		10	0.610	568.20	627.20	20.26	Passes
3		12	0.837	655.20	621.80	22.22	Passes

Bend Test

Sl. No.	Dia (mm)	Mandrel diameter	Angle of bend	Observations
1	8	4 dia	180°	No cracks observed. Passes the test.
2	10	4 dia	180°	No cracks observed. Passes the test.
3	12	4 dia	180°	No cracks observed. Passes the test.

Re bend Test

Sl. No.	Dia (mm)	Mandrel diameter	Observations
1	8	5 dia	No cracks observed. Passes the test
2	10	5 dia	No cracks observed. Passes the test
3	12	7 dia	No cracks observed. Passes the test.

** As furnished by the client*

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/3005/2022-23	Date	04.01.2023

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	02.01.2023
Source of Sample	Supplied by the Client
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied by

Sl No	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm²)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm²
1	Raft -Drain Concrete Ganaesha Apartment Cross Rd-2	27.12.2022	03.01.2023	7 Days	22500.00	8362	378.4	16.82
2		27.12.2022	03.01.2023		22500.00	8298	368.4	16.37
3		27.12.2022	03.01.2023		22500.00	8340	382.4	17.00

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd.

Approved by
Narayanswamy.B

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080- 2341 8668, 23511213 **Mobile: 94485 15258** E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com
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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/3006/2022-23	Date	26.01.2023

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	24.01.2023
Source of Sample	Supplied by the Client
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00
	150.00 x 150.00 x 150.00
	150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied by the

Sl No	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm^2
1	Raft -Drain Concrete Srinidhi Layout-8th Main Road	27.12.2022	25.01.2023	28 Days	22500.00	8256	605.4	26.91
2		27.12.2022	25.01.2023		22500.00	8246	598.6	26.60
3		27.12.2022	25.01.2023		22500.00	8258	602.4	26.77

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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30- 2341 8668, 23511213 **Mobile: 94485 15258** E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com
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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/3007/2022-23	Date	18.01.2023

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	16.01.2023
Source of Sample	Supplied by the Client
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00
	150.00 x 150.00 x 150.00
	150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied by

Sl No	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm²)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm²
1	Raft	10.01.2023	17.01.2023	7 Days	22500.00	8286	379.9	16.88
2	Drain Concrete	10.01.2023	17.01.2023		22500.00	8346	381.4	16.95
3	8th Main Road	10.01.2023	17.01.2023		22500.00	8276	386.4	17.17

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd.

Approved by
Narayanswamy.B

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80- 2341 8668, 23511213 **Mobile: 94485 15258** E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com
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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/3008/2022-23	Date	10.02.2023

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	07.02.2023
Source of Sample	Supplied by the Client
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00
	150.00 x 150.00 x 150.00
	150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied by the

Sl No	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm^2
1	Raft	10.01.2023	08.02.2023	28 Days	22500.00	8146	612.4	27.22
2	Drain Concrete	10.01.2023	08.02.2023		22500.00	8264	598.8	26.61
3	8th Main Road	10.01.2023	08.02.2023		22500.00	8146	603.4	26.82

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/3003/2022-23	Date	23.01.2023

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	17.01.2023
Source of Sample	Supplied by the Client
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00
	150.00 x 150.00 x 150.00
	150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied by the client and the results are tabulated here below

Sl No	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm²)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm²
1	Wall Drain Concrete Cross Road 1	16.01.2023	23.01.2023	7 Days	22500.00	8352	388.4	17.26
2		16.01.2023	23.01.2023		22500.00	8362	396.4	17.62
3		16.01.2023	23.01.2023		22500.00	8426	375.8	16.70

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Approved by
Narayanswamy.B

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/3004/2022-23	Date	14.02.2023

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	17.01.2023
Source of Sample	Supplied by the Client
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied by the client and the results are tabulated here below

Sl No	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm^2
1	Wall	16.01.2023	13.02.2023	28 Days	22500.00	8156	612.4	27.22
2	Drain Concrete Cross	16.01.2023	13.02.2023		22500.00	8184	601.0	26.71
3	Road 1	16.01.2023	13.02.2023		22500.00	8168	610.8	27.15

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

or Karnataka Material Test House Pvt Ltd.,

epared & Checked by
agaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/3009/2022-23	Date	14.02.2023

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	07.02.2023
Source of Sample	Supplied by the Client
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00
	150.00 x 150.00 x 150.00
	150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied by

Sl No	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm^2
1	Culvert Side Wall 8th Main Rd	06.02.2023	13.02.2023	7 Days	22500.00	8365	389.8	17.32
2		06.02.2023	13.02.2023		22500.00	8364	384.6	17.09
3		06.02.2023	13.02.2023		22500.00	8286	374.6	16.65

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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Soil Investigation, Concrete and NDT Testing , Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/3010/2022-23	Date	07.03.2023

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	07.02.2023
Source of Sample	Supplied by the Client
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied by the

Sl No	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm^2
1	Culvert Side Wall 8th Main Rd	06.02.2023	06.03.2023	28 Days	22500.00	8197	613.4	27.26
2		06.02.2023	06.03.2023		22500.00	8263	610.8	27.15
3		06.02.2023	06.03.2023		22500.00	8169	613.8	27.28

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/3001/2022-23	Date	14.02.2023

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	7.02.2023
Source of Sample	Supplied by the Client
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied by the client and the results are tabulated here below

Sl No	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm²)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm²
1	Raft Drain Concrete Cross Road	6.02.2023	13.02.2023	7 Days	22500.00	8350	400.2	17.79
2		6.02.2023	13.02.2023		22500.00	8345	396.4	17.62
3		6.02.2023	13.02.2023		22500.00	8338	389.8	17.32

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt Ltd

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Soil Investigation, Concrete and NDT Testing , Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/3002/2022-23	Date	7.03.2023

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	7.02.2023
Source of Sample	Supplied by the Client
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied by the client and the results are tabulated here below

Sl No	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm^2
1	Raft	6.02.2023	6.03.2023	28 Days	22500.00	8145	612.4	27.22
2	Drain Concrete Cross	6.02.2023	6.03.2023		22500.00	8162	608.4	27.04
3	Road	6.02.2023	6.03.2023		22500.00	8152	598.7	26.61

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCSLAB/3024/2022-23	Date	19.12.22

TEST RESULTS ON CEMENT CONCRETE SLAB SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultancy	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	16.12.22
Date of Testing	17.12.22
Source of Sample	Supplied by the Client
Size & Shape of Sample	slab Length -920mm, Height-100mm,Width600mm

Jamia Masid Rd

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member Identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
100mm Slab														
1	S-01	50.20	100.00	1.99	1978	34.0	17.19	1.00	17.17	21.47	21.3	0.8520	0.00020	4306.88
2	S-02	50.00	100.00	2.00	1963	33.6	17.12	1.00	17.12	21.40		0.7960	0.00020	4056.05
3	S-03	50.40	100.00	1.98	1994	33.7	16.90	1.00	16.87	21.09		0.8420	0.00020	4222.61

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj N S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Approved by
Narayanswamy.B

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCSLAB/3025/2022-23	Date	24.12.2022

TEST RESULTS ON CEMENT CONCRETE SLAB SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultancy	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	23.12.2022
Date of Testing	24.12.2022
Source of Sample	Supplied by the Client
Size & Shape of Sample	slab Length -920mm, Height-100mm,Width600mm
Srindhi Layout 8th A Main Rd	

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
100mm Slab														
1	S-01	51.00	99.98	1.96	2042	32.8	16.06	1.00	15.99	19.99	20.7	0.8640	0.00020	4232.44
2	S-02	50.60	100.00	1.98	2010	33.6	16.72	1.00	16.67	20.84		0.8240	0.00020	4099.74
3	S-03	50.40	99.89	1.98	1994	34.2	17.15	1.00	17.12	21.40		0.8330	0.00020	4182.08

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Approved by
Narayanswamy.B

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AEE (VRP) SD

ff & Lab :No. 8 (10/3), 4th cross, Basaveshwara layout, Nagashettihalli, RMV 2nd Stage, BENGALURU 560094

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCSLAB/3026/2022-2023	Date	12.01.2023

TEST RESULTS ON CEMENT CONCRETE SLAB SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultancy	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	07.01.2023
Date of Testing	08.01.2023
Source of Sample	Supplied by the Client
Size & Shape of Sample	slab Length -920mm, Height-100mm,Width600mm

Balaji Layout 1st A Main Rd

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
100mm Slab														
1	S-01	49.98	100.00	2.00	1961	35.2	17.95	1.00	17.95	22.44	22.6	0.8450	0.00020	4309.18
2	S-02	50.00	100.00	2.00	1963	36.4	18.55	1.00	18.55	23.18		0.8620	0.00020	4392.36
3	S-03	49.96	100.00	2.00	1959	34.8	17.76	1.00	17.76	22.21		0.8460	0.00020	4317.73

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4004Q1ZI PAN No: AACCK4004Q

Report No	KMTH/CCSLAB/3027/2022-2023	Date	21.01.2023

TEST RESULTS ON CEMENT CONCRETE SLAB SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultancy	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalll, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	18.01.2023
Date of Testing	19.01.2023
Source of Sample	Supplied by the Client
Size & Shape of Sample	slab Length -920mm, Height-100mm,Width600mm

Srindhi Layout 8th D Main Rd

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
100mm Slab														
1	S-01	49.86	100.00	2.01	1952	35.2	18.04	1.00	18.05	22.56	22.2	0.8820	0.00020	4519.54
2	S-02	49.80	100.00	2.01	1947	32.8	16.85	1.00	16.86	21.08		0.8560	0.00019	4396.89
3	S-03	48.80	99.89	2.05	1869	34.2	18.29	1.01	18.39	22.99		0.8456	0.00019	4528.28

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCSLAB/3028/2022-2023	Date	30.01.2023

TEST RESULTS ON CEMENT CONCRETE SLAB SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultancy	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	27.01.2023
Date of Testing	28.01.2023
Source of Sample	Supplied by the Client
Size & Shape of Sample	slab Length -920mm, Height-100mm,Width600mm
Srindhi Layout 8 E Main Rd	

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
100mm Slab														
1	S-01	49.98	100.00	2.00	1961	34.6	17.64	1.00	17.65	22.06	21.8	0.8120	0.00020	4140.89
2	S-02	50.00	100.00	2.00	1963	33.9	17.27	1.00	17.27	21.59		0.8240	0.00020	4198.73
3	S-03	50.00	99.89	2.00	1963	34.2	17.43	1.00	17.42	21.78		0.8260	0.00020	4213.55

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Approved by
Narayanswamy.B

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4094Q1ZI PAN No: AACCK4094Q

Report No	KMTH/CCSLAB/3029/2022-2022	Date	18.02.2023

TEST RESULTS ON CEMENT CONCRETE SLAB SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultancy	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	15.02.2023
Date of Testing	17.02.2023
Source of Sample	Supplied by the Client
Size & Shape of Sample	slab Length -920mm, Height-100mm,Width600mm

Srindhi Layout 1st Cross Rd

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
100mm Slab														
1	S-01	49.98	100.00	2.00	1961	36.8	18.77	1.00	18.77	23.46	20.6	0.7980	0.00020	4069.50
2	S-02	50.00	100.00	2.00	1963	35.6	18.14	1.00	18.14	22.68		0.8210	0.00020	4183.44
3	S-03	59.88	100.00	1.67	2815	36.8	13.07	0.96	12.60	15.75		0.8680	0.00028	3083.80

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. Bangalore

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCSLAB/3031/2022-2023	Date	11.02.2023

TEST RESULTS ON CEMENT CONCRETE SLAB SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultancy	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	07.02.2023
Date of Testing	08.02.2023
Source of Sample	Supplied by the Client
Number of Specimens*	3 No`s Cement Concrete Slabs
Size & Shape of Sample	slab Length -1500mm, Height-250mm,Width460mm
Srindhi Layout	***8th Main Road***

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
250mm Slab														
1	S-01	95.00	189.98	2.00	7085	140.2	19.79	1.00	19.79	24.74	24.6	1.8460	0.00135	1371.54
2	S-02	95.00	190.00	2.00	7085	139.8	19.73	1.00	19.73	24.67		1.7860	0.00135	1326.82
3	S-03	95.00	189.88	2.00	7085	138.4	19.54	1.00	19.53	24.42		1.8640	0.00135	1385.64

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCSLAB/3032/2022-2023	Date	22.02.2023

TEST RESULTS ON CEMENT CONCRETE SLAB SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	19.02.2023
Date of Testing	21.02.2023
Source of Sample	Supplied by the Client
Number of Specimens*	3 No`s Cement Concrete Slabs
Size & Shape of Sample	slab Length -1500mm, Height-250mm,Width460mm

Ganasha Apartment Cross Rd-2

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
250mm Slab														
1	S-01	95.00	189.88	2.00	7085	142.2	20.07	1.00	20.07	25.09	24.9	1.7620	0.00135	1309.81
2	S-02	95.00	190.00	2.00	7085	139.8	19.73	1.00	19.73	24.67		1.8240	0.00135	1355.05
3	S-03	94.80	189.97	2.00	7055	140.8	19.96	1.00	19.97	24.96		1.7220	0.00134	1284.88

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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